UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



Region 6 Laboratory

Environmental Services Branch 10625 Fallstone Road, Houston, TX 77099 Phone: (281)983-2100 Fax: (281)983-2248

DRAFT Final Analytical Report

Site Name ----- Craft Turney

Sample Collection Date(s)-- 10/10/18

Contact----- Kim Ngo (6WQ-SD)

Report Date----- 10/12/18

Project #----- 19SDWA007

Work Order(s)------ 1810011

Analyses included in this report:

P/P GC-NPD - Methylene bis(thiocyanate)

Report Narrative

The analytical method used for this test is new and was developed specifically for drinking water samples collected by TCEQ for the Craft-Turney Drinking Water Incident. The analytical method developed and used by the EPA Region 6 Houston Environmental Laboratory (Lab) has not been externally validated, and the Lab is not certified to test for this chemical. Quantitation was made using pure Methylene bis(thiocyanate) [MBT] product that was provided to the Lab by ISK Biocides, Inc. Samples were collected using EPA Drinking Water Method 525.2 preservatives (HCl to pH 2; sodium sulfite dechlorination). Literature searches showed the MBT target to be stable in water at pH 5 and below and not subject to oxidation by free chlorine (internal Lab tests confirmed that MBT survived in chlorinated tap water that was not dechlorinated). These Lab tests also showed the dechlorinating agent did not negatively affect recovery; therefore, samplers were instructed to follow the same 525.2 protocol that was used for collecting other incident related samples. Samples were extracted by micro-extraction and analyzed by Gas Chromatography - Nitrogen Phosphorous Detector (GC-NPD) analysis. Standard quality control procedures were followed.

Batch B8J1114: MBT fails high in the MS/MSD. MBT was not detected in any sample so the high failure should not affect the data.

Sample Management:

Sample 1810011-19 (W011003-01) had a time of collection on the containers of 10:15 but was

Report Narrative (cont'd)

listed on chain of custody as 10:25. Sample was logged into LIMS per the chain of custody.

Sample 1810011-31 (W011005-01) and 1810011-32 (W011005-02) had no time of collection on the containers. Sample was logged into LIMS per the chain of custody.

Standard procedures for quality assurance and quality control were followed in the analysis and reporting of the sample results. The results apply only to the samples tested. This final report should only be reproduced in full.

The reporting limit (sometimes referred to as a quantitation limit) is defined as the lowest concentration at which an analyte can be reliably measured and reported without qualification. Reporting limits are adjusted for sample size, dilution, and matrix interference. Concentrations below the reporting limit are reported as non-detects or <RL.

For a list of ISO 17025 accredited methods go to: http://region6a.epa.gov/intranet/6md/lab/labisocertification2018.pdf

| Report Approvals: | |
|---------------------------------------|----------------------------------|
| report approvals. | |
| | |
| Richard McMillin | David W. McQuiddy |
| Region 6 Laboratory Technical Manager | Region 6 Laboratory Branch Chief |

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



Site Name: Craft Turney

Please provide a reason for holding:

Region 6 Environmental Services Branch Laboratory

10625 Fallstone Road Houston, Texas 77099

Sample Receipt and Disposal

Project Number: 19SDWA007

| Data Management Coordinator: Christy Warren | |
|--|---|
| | / / |
| Data Management Coordinator Signature | Date |
| Date Transmitted:/ | |
| Please have the U.S. EPA Project Manager/Officer call the Decomments or questions. | Data Management Coordinator at 3-2137 for any |
| Please sign and date this form below and return it with any c | omments to: |
| Christy Warren Data Management Coordinator Region 6 Laboratory 6MD-HS | |
| Received by and Date | |
| Comments: | |
| The laboratory routinely disposes of samples 90 days after a nold these samples in custody longer than 90 days, please significantly samples in custody longer than 90 days, please significantly samples in custody longer than 90 days, please significantly samples in custody longer than 90 days. | · · · · · · · · · · · · · · · · · · · |
| Signature | Date |



Region 6 Laboratory

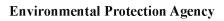
10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

ANALYTICAL REPORT FOR SAMPLES

19SDWA007 Craft Turney

| | Station ID | Laboratory ID | Sample Type | Date Collected | Date Received |
|---|---------------|---------------|-------------|----------------|----------------|
| W011023-02 1810011-03 Liquid 10 10 18 13-45 10 10 18 19-45 W011023-13 1810011-04 Liquid 10 10 18 13-45 10 10 18 19-45 W011013-01 1810011-05 Liquid 10 10 18 13-30 10 10 18 19-45 W011013-02 1810011-06 Liquid 10 10 18 13-45 10 10 18 19-45 W01103-03 1810011-08 Liquid 10 10 18 10-48 10 10 18 19-45 W011003-03 1810011-09 Liquid 10 10 18 13-46 10 10 18 19-45 W011009-01 1810011-10 Liquid 10 10 18 13-45 10 10 18 19-45 W011009-02 1810011-13 Liquid 10 10 18 13-45 10 10 18 19-45 W011009-03 1810011-13 Liquid 10 10 18 13-45 10 10 18 19-45 W011004-02 03 18 10011-14 Liquid 10 10 18 11-25 10 10 18 19-45 W011024-03 18 10011-16 Liquid 10 10 18 11-26 10 10 18 19-45 W011024-03 18 10011-16 Liquid 10 10 18 10-25 10 10 18 19-45 W011024-03 18 10011-12 Liqui | W011010-01 | 1810011-01 | Liquid | 10/10/18 14:15 | 10/10/18 19:45 |
| W011023-03 1810011-04 Liquid 10*10*18*15-33 10*10*18*19-45 W011013-01 1810011-05 1.4quid 10*10*18*13-30 10*10*18*19-45 W011013-03 1810011-06 1.4quid 10*10*18*13-35 10*10*18*19-45 W01103-03 1810011-07 1.4quid 10*10*18*19-06 10*10*18*19-45 W011003-03 1810011-10 1.4quid 10*10*18*13-16 10*10*18*19-45 W011003-04 1810011-11 1.4quid 10*10*18*13-33 10*10*18*19-45 W011003-03 1810011-12 1.4quid 10*10*18*13-33 10*10*18*19-45 W011003-03 1810011-12 1.4quid 10*10*18*13-33 10*10*18*19-45 W011004-02 1810011-13 1.4quid 10*10*18*13-39 10*10*18*19-45 W011004-02 1810011-14 1.4quid 10*10*18*11-26 10*10*18*19-45 W011024-02 1810011-15 1.4quid 10*10*18*10-25 10*10*18*19-45 W011024-03 1810011-16 1.4quid 10*10*18*10-25 10*10*18*19-45 W011024-03 1810011-12 1 | W011023-01 | 1810011-02 | Liquid | 10/10/18 13:25 | 10/10/18 19:45 |
| W011013-01 | W011023-02 | 1810011-03 | Liquid | 10/10/18 13:45 | 10/10/18 19:45 |
| w011013-02 1810011-06 Liquid 101018 13-45 101018 19-45 w011013-03 1810011-07 Liquid 101018 14-80 101018 19-45 w011003-02 1810011-08 Liquid 101018 10-48 101018 19-45 w011003-03 1810011-10 Liquid 101018 11-17 101018 19-45 w011009-01 1810011-11 Liquid 101018 11-33 101018 19-45 w011009-02 1810011-12 Liquid 101018 11-35 101018 19-45 w011009-03 1810011-13 Liquid 101018 11-35 101018 19-45 w011024-02 1810011-13 Liquid 101018 11-25 101018 19-45 w011024-02 1810011-14 Liquid 101018 10-25 101018 19-45 w011028-02 1810011-16 Liquid 101018 10-25 101018 19-45 w011028-03 1810011-17 Liquid 101018 10-25 101018 19-45 w011028-04 1810011-12 Liquid 101018 10-25 101018 19-45 w011028-01 1810011-21 Liquid 101018 10-25 10101 | W011023-03 | 1810011-04 | Liquid | 10/10/18 14:05 | 10/10/18 19:45 |
| W011013-03 R10011-07 Liquid 10-10-18 14-800 10-10-18 19-45 W011003-02 R10011-08 Liquid 10-10-18 10-48 M011003-03 R10011-10 Liquid 10-10-18 13-16 M011003-03 R10011-10 Liquid 10-10-18 13-16 M011018 19-45 W011009-01 R10011-11 Liquid 10-10-18 13-16 M011018 19-45 W011009-02 R10011-11 Liquid 10-10-18 13-33 M01-18 19-45 W011009-03 R10011-13 Liquid M01-18 11-35 M01-18 19-45 W011004-02-03 R10011-13 Liquid M01-18 11-55 M01-18 19-45 W011014-02-03 R10011-13 Liquid M01-18 11-26 M01-18 19-45 W011024-02 R10011-13 Liquid M01-18 11-26 M01-18 19-45 W011024-02 R10011-15 Liquid M01-18 11-26 M01-18 19-45 W011028-02 R10011-15 Liquid M01-18 10-25 M01-18 19-45 W011028-02 R10011-17 Liquid M01-18 10-25 M01-18 19-45 W011028-03 R10011-18 M01-18 M01-18 | W011013-01 | 1810011-05 | Liquid | 10/10/18 13:30 | 10/10/18 19:45 |
| w011008-02 1810011-08 Liquid 10-10-18 10-48 10-10-18 19-48 w011008-03 1810011-10 Liquid 10-10-18 11-17 10-10-18 19-45 w011009-01 1810011-11 Liquid 10-10-18 13-33 10-10-18 19-45 w011009-03 1810011-12 Liquid 10-10-18 13-33 10-10-18 19-45 w011004-02/03 1810011-13 Liquid 10-10-18 13-45 10-10-18 19-45 w011021-02 1810011-13 Liquid 10-10-18 11-25 10-10-18 19-45 w011022-01 1810011-16 Liquid 10-10-18 10-25 10-10-18 19-45 w011028-02 1810011-16 Liquid 10-10-18 10-25 10-10-18 19-45 w011028-03 1810011-12 Liquid 10-10-18 10-25 10-10-18 19-45 w011028-03 1810011-20 Liquid 10-10-18 10-25 10-10-18 19-45 w011028-03 1810011-21 Liquid 10-10-18 10-25 10-10-18 19-45 w011028-04 1810011-22 Liquid 10-10-18 10-25 10-10-18 19-45 w01104-04 1810011-23 Liquid <td>W011013-02</td> <td>1810011-06</td> <td>Liquid</td> <td>10/10/18 13:45</td> <td>10/10/18 19:45</td> | W011013-02 | 1810011-06 | Liquid | 10/10/18 13:45 | 10/10/18 19:45 |
| w011003-03 1810011-09 Liquid 10/10/18 13-16 10/10/18 19-45 w011009-01 1810011-10 Liquid 10/10/18 13-36 10/10/18 19-45 w011009-02 1810011-12 Liquid 10/10/18 13-39 10/10/18 19-45 w011004-02/03 1810011-13 Liquid 10/10/18 11-25 10/10/18 19-45 w011014-01 1810011-14 Liquid 10/10/18 10-25 10/10/18 19-45 w011024-02 1810011-15 Liquid 10/10/18 10-25 10/10/18 19-45 w011028-01 1810011-16 Liquid 10/10/18 10-25 10/10/18 19-45 w011028-02 1810011-17 Liquid 10/10/18 10-25 10/10/18 19-45 w011028-03 1810011-18 Liquid 10/10/18 10-25 10/10/18 19-45 w011028-03 1810011-26 Liquid 10/10/18 10-25 10/10/18 19-45 w011004-01 1810011-26 Liquid 10/10/18 10-25 10/10/18 19-45 w011014-02 1810011-23 Liquid 10/10/18 10-25 10/10/18 19-45 w011017-01 1810011-26 Liquid </td <td>W011013-03</td> <td>1810011-07</td> <td>Liquid</td> <td>10/10/18 14:00</td> <td>10/10/18 19:45</td> | W011013-03 | 1810011-07 | Liquid | 10/10/18 14:00 | 10/10/18 19:45 |
| W011009-01 1810011-10 Liquid 1010/18 13:16 1010/18 19:45 W011009-02 1810011-12 Liquid 1010/18 13:49 1010/18 19:45 W011009-03 1810011-13 Liquid 1010/18 11:55 1010/18 19:45 W011004-02/03 1810011-13 Liquid 104/04 11:26 1010/18 19:45 W011021-02 1810011-15 Liquid 104/04 10:25 1010/18 19:45 W011028-01 1810011-16 Liquid 104/04 10:25 1010/18 19:45 W011028-02 1810011-17 Liquid 104/04 10:23 1010/18 19:45 W011028-03 1810011-18 Liquid 104/04 10:23 1010/18 19:45 W01103-01 1810011-20 Liquid 104/04 10:23 1010/18 19:45 W01104-02 1810011-21 Liquid 104/04 10:24 1010/18 19:45 W01104-03 1810011-22 Liquid 104/04 10:04 1010/18 19:45 W01104-04 1810011-23 Liquid 104/04 11:06 1010/18 19:45 W01104-05 1810011-24 Liquid 104/04 11:10 | W011003-02 | 1810011-08 | Liquid | 10/10/18 10:48 | 10/10/18 19:45 |
| w011009-02 1810011-11 Liquid 101018 13;33 101018 19;43 w011009-03 1810011-12 Liquid 101018 13;49 101018 19;45 w011004-02/03 1810011-13 Liquid 101018 11;55 101018 19;45 w011014-01 1810011-14 Liquid 101018 10;45 101018 19;45 w011024-02 1810011-16 Liquid 101018 10;45 101018 19;45 w011028-02 1810011-17 Liquid 101018 11;04 101018 19;45 w011028-03 1810011-18 Liquid 101018 11;04 101018 19;45 w011028-03 1810011-19 Liquid 101018 10;25 101018 19;45 w011028-03 1810011-20 Liquid 101018 10;25 101018 19;45 w011028-03 1810011-21 Liquid 101018 10;25 101018 19;45 w011028-03 1810011-22 Liquid 101018 11;22 101018 11;22 w011024-01 1810011-23 Liquid 101018 11;02 101018 19;45 w011021-02 1810011-24 Liquid 101018 11;02 10 | W011003-03 | 1810011-09 | Liquid | 10/10/18 11:17 | 10/10/18 19:45 |
| w011009-03 1810011-12 Liquid 10-10-18 13-49 10-10-18 19-45 w011004-02-03 1810011-13 Liquid 10-10-18 11-26 10-10-18 19-45 w011014-01 1810011-15 Liquid 10-10-18 11-26 10-10-18 19-45 w011028-02 1810011-16 Liquid 10-10-18 10-25 10-10-18 19-45 w011028-02 1810011-17 Liquid 10-10-18 12-23 10-10-18 19-45 w011028-03 1810011-18 Liquid 10-10-18 11-24 10-10-18 19-45 w011028-03 1810011-29 Liquid 10-10-18 11-24 10-10-18 19-45 w011003-01 1810011-20 Liquid 10-10-18 11-28 10-10-18 19-45 w011004-01 1810011-21 Liquid 10-10-18 11-26 10-10-18 19-45 w011021-01 1810011-22 Liquid 10-10-18 11-26 10-10-18 19-45 w011021-02 1810011-23 Liquid 10-10-18 11-26 10-10-18 19-45 w011007-01 1810011-26 Liquid 10-10-18 11-26 10-10-18 19-45 w011007-02 1810011-28 Liquid </td <td>W011009-01</td> <td>1810011-10</td> <td>Liquid</td> <td>10/10/18 13:16</td> <td>10/10/18 19:45</td> | W011009-01 | 1810011-10 | Liquid | 10/10/18 13:16 | 10/10/18 19:45 |
| w011004-0203 1810011-13 Liquid 10/10/18 11:55 10/10/18 19:45 w01104-01 1810011-14 Liquid 10/10/18 11:26 10/10/18 19:45 w011021-02 1810011-15 Liquid 10/10/18 10:45 10/10/18 19:45 w011028-01 1810011-16 Liquid 10/10/18 10:25 10/10/18 19:45 w011028-02 1810011-17 Liquid 10/10/18 11:04 10/10/18 19:45 w011028-03 1810011-18 Liquid 10/10/18 10:25 10/10/18 19:45 w011003-01 1810011-20 Liquid 10/10/18 10:25 10/10/18 19:45 w011004-01 1810011-21 Liquid 10/10/18 10:25 10/10/18 19:45 w011021-01 1810011-22 Liquid 10/10/18 10:24 10/10/18 19:45 w011021-03 1810011-23 Liquid 10/10/18 11:06 10/10/18 19:45 w011017-01 1810011-23 Liquid 10/10/18 11:06 10/10/18 19:45 w011019-01 1810011-25 Liquid 10/10/18 11:06 10/10/18 19:45 w011019-02 1810011-26 Liquid <td>W011009-02</td> <td>1810011-11</td> <td>Liquid</td> <td>10/10/18 13:33</td> <td>10/10/18 19:45</td> | W011009-02 | 1810011-11 | Liquid | 10/10/18 13:33 | 10/10/18 19:45 |
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| W011028-01 | W011014-01 | 1810011-14 | Liquid | 10/10/18 11:26 | 10/10/18 19:45 |
| W011028-02 1810011-17 Liquid 10/10/18 12:23 10/10/18 19:45 W011028-03 1810011-18 Liquid 10/10/18 11:04 10/10/18 19:45 W011003-01 1810011-19 Liquid 10/10/18 10:25 10/10/18 19:45 W011004-01 1810011-20 Liquid 10/10/18 11:28 10/10/18 19:45 W011014-02 R10011-21 Liquid 10/10/18 10:24 10/10/18 19:45 W011021-01 R10011-22 Liquid 10/10/18 10:24 10/10/18 19:45 W011017-01 R10011-23 Liquid 10/10/18 11:06 10/10/18 19:45 W011017-02 R10011-24 Liquid 10/10/18 11:10 10/10/18 19:45 W011019-01 R10011-25 Liquid 10/10/18 11:29 10/10/18 19:45 W011019-02 R10011-26 Liquid 10/10/18 10:05 10/10/18 19:45 W011007-01 R10011-28 Liquid 10/10/18 10:35 10/10/18 19:45 W011007-02 R10011-29 Liquid 10/10/18 11:30 10/10/18 19:45 W011007-02 R10011-30 Liquid 10/10/18 11:30 10/10/18 19:45 W011007-03 R10011-30 Liquid 10/10/18 11:30 10/10/18 19:45 W011007-03 R10011-31 Liquid 10/10/18 11:46 10/10/18 19:45 W011005-02 R10011-32 Liquid 10/10/18 11:46 10/10/18 19:45 W011005-02 R10011-32 Liquid 10/10/18 11:46 10/10/18 19:45 W011005-02 R10011-33 Liquid 10/10/18 10:05 10/10/18 19:45 W011005-02 R10011-33 Liquid 10/10/18 10:05 10/10/18 19:45 W011005-02 R10011-33 Liquid R10011-80 R10011-80 R10011-34 R10011-34 R10011-80 R10011 | W011021-02 | 1810011-15 | Liquid | 10/10/18 10:45 | 10/10/18 19:45 |
| W011028-03 1810011-19 Liquid 10/10/18 11:04 10/10/18 19:45 W011003-01 1810011-19 Liquid 10/10/18 10:25 10/10/18 19:45 W011004-01 1810011-20 Liquid 10/10/18 11:28 10/10/18 19:45 W011014-02 1810011-21 Liquid 10/10/18 12:00 10/10/18 19:45 W011021-01 1810011-22 Liquid 10/10/18 11:06 10/10/18 19:45 W011021-03 1810011-23 Liquid 10/10/18 11:06 10/10/18 19:45 W011017-01 1810011-24 Liquid 10/10/18 11:10 10/10/18 19:45 W011017-02 1810011-25 Liquid 10/10/18 11:29 10/10/18 19:45 W011019-01 1810011-26 Liquid 10/10/18 10:05 10/10/18 19:45 W011019-02 1810011-27 Liquid 10/10/18 10:05 10/10/18 19:45 W011007-01 1810011-28 Liquid 10/10/18 11:06 10/10/18 19:45 W011007-02 1810011-29 Liquid 10/10/18 11:30 10/10/18 19:45 W011007-03 1810011-30 Liquid 10/10/18 11:30 10/10/18 19:45 W011005-01 1810011-31 Liquid 10/10/18 11:46 10/10/18 19:45 W011005-02 1810011-32 Liquid 10/10/18 11:46 10/10/18 19:45 W011005-02 1810011-32 Liquid 10/10/18 12:07 10/10/18 19:45 W011005-02 1810011-33 Liquid 10/10/18 10:05 10/10/18 19:45 W011005-02 1810011-33 Liquid 10/10/18 10:05 10/10/18 19:45 W011002-01 1810011-33 Liquid 10/10/18 10:05 10/10/18 19:45 W011002-01 1810011-33 Liquid 10/10/18 10:05 10/10/18 19:45 W011002-02 1810011-34 Liquid 10/10/18 | W011028-01 | 1810011-16 | Liquid | 10/10/18 10:25 | 10/10/18 19:45 |
| W011003-01 1810011-19 Liquid 10/10/18 10:25 10/10/18 19:45 W011004-01 1810011-20 Liquid 10/10/18 11:28 10/10/18 19:45 W011014-02 1810011-21 Liquid 10/10/18 12:00 10/10/18 19:45 W011021-01 1810011-22 Liquid 10/10/18 11:06 10/10/18 19:45 W011021-03 1810011-23 Liquid 10/10/18 11:10 10/10/18 19:45 W011017-01 1810011-24 Liquid 10/10/18 11:29 10/10/18 19:45 W011017-02 1810011-25 Liquid 10/10/18 10:05 10/10/18 19:45 W011019-01 1810011-27 Liquid 10/10/18 10:05 10/10/18 19:45 W011007-02 1810011-28 Liquid 10/10/18 11:30 10/10/18 19:45 W011007-03 1810011-30 Liquid 10/10/18 10:30 10/10/18 19:45 W011005-01 1810011-31 Liquid 10/10/18 10:30 10/10/18 19:45 W011022-01 1810011-32 Liquid 10/10/18 10:05 10/10/18 19:45 W011022-02 1810011-33 Liquid 10/10/18 10:05 10/10/18 19:45 W011022-02 | W011028-02 | 1810011-17 | Liquid | 10/10/18 12:23 | 10/10/18 19:45 |
| W011004-01 | W011028-03 | 1810011-18 | Liquid | 10/10/18 11:04 | 10/10/18 19:45 |
| W011014-02 W011021-01 W011021-01 W011021-03 W011021-03 W011021-03 W011017-01 W011017-01 W011017-02 W011017-02 W011019-01 W011007-02 W011007-01 W011007-01 W011007-02 W011007-01 W011007-02 W011007-02 W011007-01 W011007-02 W011007-01 W011007-02 W011007-02 W011007-02 W011007-02 W011007-01 W011007-02 W011007-02 W011007-02 W011007-02 W011007-03 | W011003-01 | 1810011-19 | Liquid | 10/10/18 10:25 | 10/10/18 19:45 |
| W011021-01 | W011004-01 | 1810011-20 | Liquid | 10/10/18 11:28 | 10/10/18 19:45 |
| W011021-03 1810011-23 Liquid 10/10/18 11:06 10/10/18 19:45 W011017-01 1810011-24 Liquid 10/10/18 11:10 10/10/18 19:45 W011017-02 1810011-25 Liquid 10/10/18 11:29 10/10/18 19:45 W011019-01 1810011-26 Liquid 10/10/18 10:05 10/10/18 19:45 W011019-02 1810011-27 Liquid 10/10/18 10:35 10/10/18 19:45 W011007-01 1810011-28 Liquid 10/10/18 11:30 10/10/18 11:30 10/10/18 19:45 W011007-02 1810011-29 Liquid 10/10/18 11:30 10/10/18 19:45 W011007-03 1810011-30 Liquid 10/10/18 10:30 10/10/18 19:45 W011005-01 1810011-31 Liquid 10/10/18 11:46 10/10/18 19:45 W011005-02 1810011-32 Liquid 10/10/18 12:07 10/10/18 19:45 W011022-01 1810011-33 Liquid 10/10/18 10:05 10/10/18 19:45 W011022-02 | W011014-02 | 1810011-21 | Liquid | 10/10/18 12:00 | 10/10/18 19:45 |
| W011017-01 1810011-24 Liquid 10/10/18 11:10 10/10/18 19:45 W011017-02 1810011-25 Liquid 10/10/18 11:29 10/10/18 19:45 W011019-01 1810011-26 Liquid 10/10/18 10:05 10/10/18 19:45 W011019-02 1810011-27 Liquid 10/10/18 10:35 10/10/18 19:45 W011007-01 1810011-28 Liquid 10/10/18 11:06 10/10/18 19:45 W011007-02 1810011-29 Liquid 10/10/18 11:30 10/10/18 19:45 W011007-03 1810011-30 Liquid 10/10/18 10:30 10/10/18 19:45 W011005-01 1810011-31 Liquid 10/10/18 11:46 10/10/18 19:45 W011005-02 1810011-32 Liquid 10/10/18 11:207 10/10/18 19:45 W011022-01 1810011-33 Liquid 10/10/18 10:05 10/10/18 19:45 W011022-02 1810011-34 Liquid 10/10/18 10:05 10/10/18 19:45 | W011021-01 | 1810011-22 | Liquid | 10/10/18 10:24 | 10/10/18 19:45 |
| W011017-02 | W011021-03 | 1810011-23 | Liquid | 10/10/18 11:06 | 10/10/18 19:45 |
| W011019-01 1810011-26 Liquid 10/10/18 10:05 10/10/18 19:45 W011019-02 1810011-27 Liquid 10/10/18 10:35 10/10/18 19:45 W011007-01 1810011-28 Liquid 10/10/18 11:06 10/10/18 19:45 W011007-02 1810011-29 Liquid 10/10/18 11:30 10/10/18 19:45 W011007-03 1810011-30 Liquid 10/10/18 10:30 10/10/18 19:45 W011005-01 1810011-31 Liquid 10/10/18 11:46 10/10/18 19:45 W011005-02 1810011-32 Liquid 10/10/18 12:07 10/10/18 19:45 W011022-01 1810011-33 Liquid 10/10/18 10:05 10/10/18 19:45 W011022-02 1810011-34 Liquid 10/10/18 10:25 10/10/18 19:45 | W011017-01 | 1810011-24 | Liquid | 10/10/18 11:10 | 10/10/18 19:45 |
| W011019-02 1810011-27 Liquid 10/10/18 10:35 10/10/18 19:45 W011007-01 1810011-28 Liquid 10/10/18 11:06 10/10/18 19:45 W011007-02 1810011-29 Liquid 10/10/18 11:30 10/10/18 19:45 W011007-03 1810011-30 Liquid 10/10/18 10:30 10/10/18 19:45 W011005-01 1810011-31 Liquid 10/10/18 11:46 10/10/18 19:45 W011005-02 1810011-32 Liquid 10/10/18 12:07 10/10/18 19:45 W011022-01 1810011-33 Liquid 10/10/18 10:05 10/10/18 19:45 W011022-02 1810011-34 Liquid 10/10/18 10:25 10/10/18 19:45 | W011017-02 | 1810011-25 | Liquid | 10/10/18 11:29 | 10/10/18 19:45 |
| W011007-01 1810011-28 Liquid 10/10/18 11:06 10/10/18 19:45 W011007-02 1810011-29 Liquid 10/10/18 11:30 10/10/18 19:45 W011007-03 1810011-30 Liquid 10/10/18 10:30 10/10/18 19:45 W011005-01 1810011-31 Liquid 10/10/18 11:46 10/10/18 19:45 W011005-02 1810011-32 Liquid 10/10/18 12:07 10/10/18 19:45 W011022-01 1810011-33 Liquid 10/10/18 10:05 10/10/18 19:45 W011022-02 1810011-34 Liquid 10/10/18 10:25 10/10/18 19:45 | W011019-01 | 1810011-26 | Liquid | 10/10/18 10:05 | 10/10/18 19:45 |
| W011007-02 1810011-29 Liquid 10/10/18 11:30 10/10/18 19:45 W011007-03 1810011-30 Liquid 10/10/18 10:30 10/10/18 19:45 W011005-01 1810011-31 Liquid 10/10/18 11:46 10/10/18 19:45 W011005-02 1810011-32 Liquid 10/10/18 12:07 10/10/18 19:45 W011022-01 1810011-33 Liquid 10/10/18 10:05 10/10/18 19:45 W011022-02 1810011-34 Liquid 10/10/18 10:25 10/10/18 19:45 | W011019-02 | 1810011-27 | Liquid | 10/10/18 10:35 | 10/10/18 19:45 |
| W011007-03 1810011-30 Liquid 10/10/18 10:30 10/10/18 19:45 W011005-01 1810011-31 Liquid 10/10/18 11:46 10/10/18 19:45 W011005-02 1810011-32 Liquid 10/10/18 12:07 10/10/18 19:45 W011022-01 1810011-33 Liquid 10/10/18 10:05 10/10/18 19:45 W011022-02 1810011-34 Liquid 10/10/18 10:25 10/10/18 19:45 | W011007-01 | 1810011-28 | Liquid | 10/10/18 11:06 | 10/10/18 19:45 |
| W011005-01 1810011-31 Liquid 10/10/18 11:46 10/10/18 19:45 W011005-02 1810011-32 Liquid 10/10/18 12:07 10/10/18 19:45 W011022-01 1810011-33 Liquid 10/10/18 10:05 10/10/18 19:45 W011022-02 1810011-34 Liquid 10/10/18 10:25 10/10/18 19:45 | W011007-02 | 1810011-29 | Liquid | 10/10/18 11:30 | 10/10/18 19:45 |
| W011005-02 1810011-32 Liquid 10/10/18 12:07 10/10/18 19:45 W011022-01 1810011-33 Liquid 10/10/18 10:05 10/10/18 19:45 W011022-02 1810011-34 Liquid 10/10/18 10:25 10/10/18 19:45 | W011007-03 | 1810011-30 | Liquid | 10/10/18 10:30 | 10/10/18 19:45 |
| W011022-01 1810011-33 Liquid 10/10/18 10:05 10/10/18 19:45 W011022-02 1810011-34 Liquid 10/10/18 10:25 10/10/18 19:45 | W011005-01 | 1810011-31 | Liquid | 10/10/18 11:46 | 10/10/18 19:45 |
| W011022-02 1810011-34 Liquid 10/10/18 10:25 10/10/18 19:45 | W011005-02 | 1810011-32 | Liquid | 10/10/18 12:07 | 10/10/18 19:45 |
| · | W011022-01 | 1810011-33 | Liquid | 10/10/18 10:05 | 10/10/18 19:45 |
| W011022-03 1810011-35 Liquid 10/10/18 10:50 10/10/18 19:45 | W011022-02 | 1810011-34 | Liquid | 10/10/18 10:25 | 10/10/18 19:45 |
| | W011022-03 | 1810011-35 | Liquid | 10/10/18 10:50 | 10/10/18 19:45 |

Project #: 19SDWA007 SiteName: Craft Turney





Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

QC SUMMARY REPORT

| P/P GC-NPD - | Meth | vlene his(thiocyanate) | | | | |
|---|-------------|------------------------|--|--|--|--|
| P/P GC-NPD - Methylene bis(thiocyanate) B8J1113 | | | | | | |
| | | | | | | |
| Samples: 20 | LIC | quid ReExts: 0 | | | | |
| | | NeLXI3. 0 | | | | |
| LAB NUMBER | | SOURCE | | | | |
| B8J1113-BLK1 | | | | | | |
| B8J1113-BS1 | | | | | | |
| B8J1113-MS1 | | 1810011-13 | | | | |
| B8J1113-MSD1 | | 1810011-13 | | | | |
| | B 8J | T1114 | | | | |
| | Lic | quid | | | | |
| Samples: 15 | | ReExts: 0 | | | | |
| LAB NUMBER | | SOURCE | | | | |
| B8J1114-BLK1 | | | | | | |
| B8J1114-BS1 | | | | | | |
| B8J1114-MS1 | | 1810011-26 | | | | |
| B8J1114-MSD1 | | 1810011-26 | | | | |





Region 6 Laboratory

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Developmental GC-NPD Method for Methylene bis(thiocyanate)

Lab ID: 1810011-01

Batch: B8J1113 Date Collected: 10/10/18 Sample Type: Liquid Sample Vol: 40ml

Sample Qualifiers: Analyst: LW

Station ID: W011010-01

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 19.8 | | 106 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 18.2 | | 97.3 | 70-130 | " | " |
| | | Targets | | | | |

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| Analyte (CAS Number) | Result ug/L | Analyte Qualifiers | Reporting Limit | Dilution | Prepared | Analyzed |
|--|----------------|-----------------------|--------------------|----------|----------|----------|
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

Report Name: Project #: 19SDWA007 SiteName: Craft Turney Page 3 of 53



Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-02

Date Collected: 10/10/18

Batch: B8J1113 Date Collected: 10/1 Sample Type: Liquid Sample Vol: 40ml

Sample Qualifiers: Analysi: LW

Station ID: W011023-01

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 19.8 | | 106 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 18.1 | 700 | 96.3 | 70-130 | " | " |

Targets

| Analyte (CAS Number) | Result ug/L | Analyte Qualifiers | Reporting Limit | Dilution | Prepared | Analyzed |
|--|----------------|-----------------------|--------------------|----------|----------|----------|
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

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SiteName: Craft Turney
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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-03

Batch: B8J1113 Date Collected: 10/10/18 Sample Type: Liquid Sample Vol: 40ml

Sample Qualifiers:
Analysi: LW

Station ID: W011023-02

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 18.3 | | 97.7 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 17.0 | | 90.6 | 70-130 | " | " |
| | | Targets | | | | |

| Analyte (CAS Number) | Result ug/L | Analyte Qualifiers | Reporting Limit | Dilution | Prepared | Analyzed |
|--|----------------|-----------------------|--------------------|----------|----------|----------|
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

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SiteName: Craft Turney
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Region 6 Laboratory

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Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-04

Batch: B8J1113 Date Collected: 10/10/18 Sample Type: Liquid Sample Vol: 40ml

Sample Qualifiers:
Analyst: LW

Station ID: W011023-03

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 19.4 | | 103 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 17.2 | | 92.0 | 70-130 | ** | " |
| | | Targets | | | | |

| Analyte (CAS Number) | Result ug/L | Analyte Qualifiers | Reporting Limit | Dilution | Prepared | Analyzed |
|--|----------------|-----------------------|--------------------|----------|----------|----------|
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

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Region 6 Laboratory

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Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-05

Batch: B8J1113 Date Collected: 10/10/18 Sample Type: Liquid Sample Vol: 40ml

Sample Qualifiers: Analyst: LW

Station ID: W011013-01

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 18.8 | | 100 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 17.4 | | 93.0 | 70-130 | " | " |
| | | Targets | | | # | |

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| Analyte (CAS Number) | Result ug/L | Analyte Qualifiers | Reporting Limit | Dilution | Prepared | Analyzed |
|--|----------------|-----------------------|--------------------|----------|----------|----------|
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

Report Name: Project #: 19SDWA007 SiteName: Craft Turney Page 7 of 53



Region 6 Laboratory

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Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-06

Batch: B8J1113 Date Collected: 10/10/18 Sample Type: Liquid Sample Vol: 40ml

Sample Qualifiers:
Analyst: LW

Station ID: W011013-02

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 17.5 | | 93.3 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 17.9 | | 95.7 | 70-130 | ** | " |
| | | Targets | | | | |
| | D 1 | Amalasta | Donostino | | | |

| Analyte (CAS Number) | Result ug/L | Analyte Qualifiers | Reporting Limit | Dilution | Prepared | Analyzed |
|--|----------------|-----------------------|--------------------|----------|----------|----------|
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

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Batch: B8J1113

Sample Type: Liquid

Environmental Protection Agency

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Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-07

Date Collected: 10/10/18 Sample Vol: 40ml

Sample Qualifiers:
Analyst: LW

Station ID: W011013-03

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 19.5 | | 104 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 17.6 | | 93.7 | 70-130 | " | " |
| | | Targets | | | | |

| Analyte (CAS Number) | Result ug/L | Analyte Qualifiers | Reporting Limit | Dilution | Prepared | Analyzed |
|--|----------------|-----------------------|--------------------|----------|----------|----------|
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

Project #: 19SDWA007
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Region 6 Laboratory

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Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-08

Batch: B8J1113 Date Collected: 10/10/18 Sample Type: Liquid Sample Vol: 40ml

Sample Qualifiers: Analyst: LW

Station ID: W011003-02

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 17.9 | | 95.4 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 17.5 | | 93.5 | 70-130 | " | 11 |
| | | Targets | | | | |

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| Analyte (CAS Number) | Result ug/L | Analyte Qualifiers | Reporting Limit | Dilution | Prepared | Analyzed | |
|--|----------------|-----------------------|--------------------|----------|----------|----------|---|
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 | ı |

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Batch: B8J1113

Sample Type: Liquid

Environmental Protection Agency

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Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-09

Date Collected: 10/10/18 Sample Vol: 40ml

Sample Qualifiers:

Station ID: W011003-03

Analyst: LW

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|----------------------|----------------|-----------------------|-----------|---------------------|------------|---------------|
| Tributyl phosphate | 18.6 | | 99.2 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 17.6 | | 93.6 | 70-130 | " | " |
| | | Targets | | | | |
| Analyta (CAS Number) | Result | Analyte | Reporting | Diletion | Duan ana d | A se alsusa d |

Analyte (CAS Number)

ug/L

Qualifiers

Limit

Dilution

Prepared Analyzed

Methylene bis(thiocyanate) (6317-18-6)

U

10.0

1 10/11/18

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Region 6 Laboratory

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Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-10

Batch: B8J1113 Date Collected: 10/10/18 Sample Type: Liquid Sample Vol: 40ml

Sample Qualifiers: Analyst: LW

Station ID: W011009-01

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 16.8 | | 89.7 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 16.4 | 4 | 87.2 | 70-130 | ** | 11 |
| | | Targets | | | | |

| Analyte (CAS Number) | Result ug/L | Analyte Qualifiers | Reporting Limit | Dilution | Prepared | Analyzed |
|--|----------------|-----------------------|--------------------|----------|----------|----------|
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

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Region 6 Laboratory

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Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-11

Batch: B8J1113 Date Collected: 10/10/18 Sample Type: Liquid Sample Vol: 40ml

Sample Qualifiers:
Analysi: LW

Station ID: W011009-02

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed | | | |
|--------------------------|----------------|-----------------------|-----------|---------------------|----------|----------|--|--|--|
| Tributyl phosphate | 21.6 | | 115 | 70-130 | 10/11/18 | 10/11/18 | | | |
| Triphenyl phosphate | 20.1 | | 107 | 70-130 | ** | " | | | |
| | | Targets | | | | | | | |
| Downle Analyta Paparting | | | | | | | | | |

| Analyte (CAS Number) | Result ug/L | Analyte Qualifiers | Reporting Limit | Dilution | Prepared | Analyzed |
|--|----------------|-----------------------|--------------------|----------|----------|----------|
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

Project #: 19SDWA007
SiteName: Craft Turney
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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-12

Batch: B8J1113

Sample Type: Liquid

Date Collected: 10/10/18 Sample Vol: 40ml

Sample Qualifiers:

Station ID: W011009-03

Analyst: LW

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 19.8 | | 105 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 18.0 | | 95.7 | 70-130 | ** | " |
| | | Targets | | | | |
| | Result | Analyte | Reporting | | | |



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Batch: B8J1113

Sample Type: Liquid

Environmental Protection Agency

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Developmental GC-NPD Method for Methylene bis(thiocyanate)

Lab ID: 1810011-13

Date Collected: 10/10/18

Sample Vol: 40ml

Sample Qualifiers:

Analyst: LW

Station ID: W011004-02/03

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 16.8 | | 89.7 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 16.6 | | 88.5 | 70-130 | " | " |
| | | Targets | | | # | |

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| Analyte (CAS Number) | Result ug/L | Analyte Qualifiers | Reporting Limit | Dilution | Prepared | Analyzed |
|--|----------------|-----------------------|--------------------|----------|----------|----------|
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

Report Name: Project #: 19SDWA007 SiteName: Craft Turney Page 15 of 53



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Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-14

Batch: B8J1113

Sample Type: Liquid

Date Collected: 10/10/18 Sample Vol: 40ml

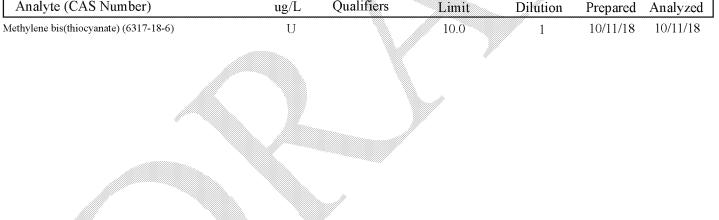
Sample Qualifiers:

Station ID: W011014-01

Analyst: LW

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|------------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 19.6 | | 105 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 17.8 | 400. | 94.8 | 70-130 | " | " |
| | | Targets | | | | |
| Analyte (CAC Niverbox) | Result | Analyte | Reporting | Dilvi | D 1 | A 1 1 |



Project #: 19SDWA007 Report Name: SiteName: Craft Turney Page 16 of 53



Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-15

Batch: B8J1113 Date Collected: 10/10/18 Sample Type: Liquid Sample Vol: 40ml

Sample Qualifiers:
Analysi: LW

Station ID: W011021-02

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 18.4 | | 98.3 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 17.0 | | 90.7 | 70-130 | ** | " |
| | | Targets | | | | |

| Analyte (CAS Number) | Result ug/L | Analyte Qualifiers | Reporting Limit | Dilution | Prepared | Analyzed |
|--|-------------|-----------------------|--------------------|----------|----------|----------|
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-16

Batch: B8J1113 Date Collected: 10/10/18 Sample Type: Liquid Sample Vol: 40ml

Sample Qualifiers: Analyst: LW

Station ID: W011028-01

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|--|-----------|---------------------|----------|----------|
| Tributyl phosphate | 19.2 | | 102 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 18.3 | *** ********************************* | 97.5 | 70-130 | " | " |
| | | Targets | | | | |

| Analyte (CAS Number) | Result ug/L | Analyte Qualifiers | Reporting Limit | Dilution | Prepared | Analyzed |
|--|----------------|-----------------------|--------------------|----------|----------|----------|
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-17

Batch: B8J1113 Date Collected: 10/10/18 Sample Type: Liquid Sample Vol: 40ml

Sample Qualifiers:
Analysi: LW

Station ID: W011028-02

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 16.8 | | 89.8 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 16.6 | | 88.6 | 70-130 | ** | " |
| | | Targets | | | | |

| Analyte (CAS Number) | Result ug/L | Analyte Qualifiers | Reporting Limit | Dilution | Prepared | Analyzed |
|--|----------------|-----------------------|--------------------|----------|----------|----------|
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

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Batch: B8J1113

Sample Type: Liquid

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-18

Date Collected: 10/10/18 Sample Vol: 40ml

Sample Qualifiers: Analyst: LW

Station ID: W011028-03

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 18.0 | | 95.8 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 17.3 | | 92.3 | 70-130 | " | " |
| | | Taugata | | | | |

Targets

| Analyte (CAS Number) | Result ug/L | Analyte Qualifiers | Reporting Limit | Dilution | Prepared | Analyzed |
|--|----------------|-----------------------|--------------------|----------|----------|----------|
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-19

Batch: B8J1113 Date Collected: 10/10/18 Sample Type: Liquid Sample Vol: 40ml

Sample Qualifiers: Analysi: LW

Station ID: W011003-01

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 21.5 | | 115 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 20.0 | | 107 | 70-130 | " | " |
| | | Targets | | | | |

| | Result | Analyte | Reporting | | | |
|--|--------|------------|-----------|----------|----------|----------|
| Analyte (CAS Number) | ug/L | Qualifiers | Limit | Dilution | Prepared | Analyzed |
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-20

Batch: B8J1113 Date Collected: 10/10/18 Sample Type: Liquid Sample Vol: 40ml

Sample Qualifiers: Analysi: LW

Station ID: W011004-01

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 19.5 | | 104 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 18.2 | | 97.2 | 70-130 | ** | " |
| | | Targets | | | | |
| | | | | | | |

| | Result | Analyte | Reporting | | | |
|--|--------|------------|-----------|----------|----------|----------|
| Analyte (CAS Number) | ug/L | Qualifiers | Limit | Dilution | Prepared | Analyzed |
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-21

Batch: B8J1114 Date Collected: 10/10/18 Sample Type: Liquid Sample Vol: 40ml

Sample Qualifiers:
Analysi: LW

Station ID: W011014-02

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 18.6 | | 99.2 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 18.2 | | 96.9 | 70-130 | " | 11 |
| | | Targets | | | | |

| | Result | Analyte | Reporting | | | |
|--|--------|------------|-----------|----------|----------|----------|
| Analyte (CAS Number) | ug/L | Qualifiers | Limit | Dilution | Prepared | Analyzed |
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-22

Batch: B8J1114

Sample Type: Liquid

Methylene bis(thiocyanate) (6317-18-6)

Date Collected: 10/10/18 Sample Vol: 40ml

Sample Qualifiers:

Station ID: W011021-01

Analyst: LW

10/11/18

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|----------------------|----------------|-----------------------|--------------------|---------------------|----------|----------|
| Tributyl phosphate | 21.5 | | 115 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 19.7 | | 105 | 70-130 | ** | " |
| | | Targets | | | | |
| Analyte (CAS Number) | Result ug/L | Analyte Qualifiers | Reporting Limit | Dilution | Prepared | Analyzed |

10.0

1

10/11/18

U

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-23

Batch: B8J1114 Date Collected: 10/10/18 Sample Type: Liquid Sample Vol: 40ml

Sample Qualifiers:
Analyst: LW

Station ID: W011021-03

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 20.1 | | 107 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 18.9 | | 101 | 70-130 | ** | " |
| | | Targets | | | | |
| | | A 1. | n. | | | |

| Analyte (CAS Number) | Result ug/L | Analyte Qualifiers | Reporting Limit | Dilution | Prepared | Analyzed |
|--|----------------|-----------------------|--------------------|----------|----------|----------|
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

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10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-24

Batch: B8J1114

Sample Type: Liquid

Date Collected: 10/10/18 Sample Vol: 40ml

Sample Qualifiers:

Station ID: W011017-01

Analyst: LW

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed | | |
|-------------------------|----------------|-----------------------|-----------|---------------------|----------|----------|--|--|
| Tributyl phosphate | 20.4 | | 109 | 70-130 | 10/11/18 | 10/11/18 | | |
| Triphenyl phosphate | 18.9 | | 101 | 70-130 | ** | " | | |
| | | Targets | | | | | | |
| Domit Analyto Poporting | | | | | | | | |

| Analyte (CAS Number) | Result ug/L | Analyte Qualifiers | Reporting Limit | Dilution | Prepared | Analyzed |
|--|----------------|-----------------------|--------------------|----------|----------|----------|
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

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Batch: B8J1114

Sample Type: Liquid

Environmental Protection Agency

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Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-25

Date Collected: 10/10/18 Sample Vol: 40ml

Sample Qualifiers:
Analyst: LW

Station ID: W011017-02

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 17.6 | | 93.8 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 16.8 | | 89.8 | 70-130 | ** | " |
| | | Targets | | | | |

Targets

| Analyte (CAS Number) | Result ug/L | Analyte Qualifiers | Reporting Limit | Dilution | Prepared | Analyzed |
|--|----------------|-----------------------|--------------------|----------|----------|----------|
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

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10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-26

Batch: B8J1114 Date Collected: 10/10/18 Sample Type: Liquid Sample Vol: 40ml

Sample Qualifiers: Analyst: LW

Station ID: W011019-01

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 18.4 | | 98.0 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 18.0 | 6 | 96.1 | 70-130 | " | " |
| | | Targets | | | | |

| | Result | Analyte | Reporting | | | |
|--|--------|------------|-----------|----------|----------|----------|
| Analyte (CAS Number) | ug/L | Qualifiers | Limit | Dilution | Prepared | Analyzed |
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-27

Batch: B8J1114 Date Collected: 10/10/18 Sample Type: Liquid Sample Vol: 40ml

Sample Qualifiers:

Analyst: LW

Station ID: W011019-02

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 18.3 | | 97.5 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 17.4 | | 93.0 | 70-130 | " | " |
| | | Targets | | | # | |

rargeis

| Analyte (CAS Number) | Result ug/L | Analyte Qualifiers | Reporting Limit | Dilution | Prepared | Analyzed |
|--|----------------|-----------------------|--------------------|----------|----------|----------|
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-28

Batch: B8J1114 Date Collected: 10/10/18 Sample Type: Liquid Sample Vol: 40ml

Sample Qualifiers: Analysi: LW

Station ID: W011007-01

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 20.2 | | 108 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 19.1 | | 102 | 70-130 | " | " |
| | | Targate | | | | |

Targets

| Analyte (CAS Number) | Result ug/L | Analyte Qualifiers | Reporting Limit | Dilution | Prepared | Analyzed | |
|--|----------------|-----------------------|--------------------|----------|----------|----------|---|
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 | ı |

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Lab ID:

Batch: B8J1114

Sample Type: Liquid

Environmental Protection Agency

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10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

1810011-29

Date Collected: 10/10/18

Sample Vol: 40ml

Sample Qualifiers:

Station ID: W011007-02

Analysi: LW

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed | | |
|--------------------------|----------------|-----------------------|-----------|---------------------|----------|----------|--|--|
| Tributyl phosphate | 19.8 | | 106 | 70-130 | 10/11/18 | 10/11/18 | | |
| Triphenyl phosphate | 18.4 | | 98.3 | 70-130 | ** | " | | |
| | | Targets | | | | | | |
| Result Analyte Reporting | | | | | | | | |

| Analyte (CAS Number) | Result ug/L | Analyte Qualifiers | Reporting Limit | Dilution | Prepared | Analyzed |
|--|----------------|-----------------------|--------------------|----------|----------|----------|
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

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Batch: B8J1114

Sample Type: Liquid

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-30

Date Collected: 10/10/18 Sample Vol: 40ml

Sample Qualifiers:
Analyst: LW

Station ID: W011007-03

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 23.0 | | 123 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 20.3 | | 108 | 70-130 | " | " |
| | | Targets | | | | |

| | A 1 (CAC) 1) | Result | Analyte | Reporting | | | |
|---|--|--------|------------|-----------|----------|----------|----------|
| 1 | Analyte (CAS Number) | ug/L | Qualifiers | Limit | Dilution | Prepared | Analyzed |
|] | Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-31

Batch: B8J1114 Date Collected: 10/10/18 Sample Type: Liquid Sample Vol: 40ml

Sample Qualifiers:
Analysi: LW

Station ID: W011005-01

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed | |
|--------------------------|----------------|-----------------------|-----------|---------------------|----------|----------|--|
| Tributyl phosphate | 19.0 | | 101 | 70-130 | 10/11/18 | 10/11/18 | |
| Triphenyl phosphate | 17.9 | | 95.7 | 70-130 | " | " | |
| | | Targets | | | | | |
| Result Analyte Reporting | | | | | | | |

| | | Result | Analyte | Reporting | | | |
|---|--|--------|------------|-----------|----------|----------|----------|
| 1 | Analyte (CAS Number) | ug/L | Qualifiers | Limit | Dilution | Prepared | Analyzed |
|] | Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

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10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-32

Batch: B8J1114 Date Collected: 10/10/18 Sample Type: Liquid Sample Vol: 40ml

Sample Qualifiers: Analyst: LW

Station ID: W011005-02

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 18.4 | | 98.0 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 18.4 | | 97.9 | 70-130 | ** | " |
| | | Targets | | | | |

Targets

| Analyte (CAS Number) | Result ug/L | Analyte Qualifiers | Reporting Limit | Dilution | Prepared | Analyzed |
|--|----------------|-----------------------|--------------------|----------|----------|----------|
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

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10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-33

Batch: B8J1114

Sample Type: Liquid

Date Collected: 10/10/18 Sample Vol: 40ml

Sample Qualifiers:

Station ID: W011022-01

Analyst: LW

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 19.6 | | 105 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 17.7 | 4000 | 94.4 | 70-130 | " | " |
| | | Targets | | | | |
| | Result | Analyte | Reporting | | | |

| Analyte (CAS Number) | Result ug/L | Analyte Qualifiers | Reporting Limit | Dilution | Prepared | Analyzed |
|--|----------------|-----------------------|--------------------|----------|----------|----------|
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 |

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10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-34

Batch: B8J1114

Sample Type: Liquid

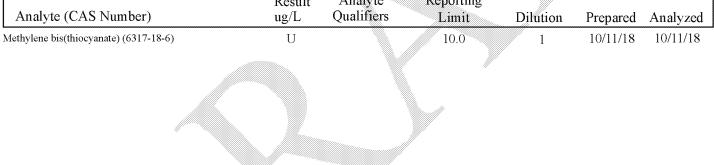
Date Collected: 10/10/18 Sample Vol: 40ml

Station ID: W011022-02

Sample Qualifiers: Analyst: LW

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 18.5 | | 98.5 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 17.6 | | 94.1 | 70-130 | ** | " |
| | | Targets | | | | |
| A 1 (CACA) | Result | Analyte | Reporting | | | |



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10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) P/P GC-NPD - Methylene bis(thiocyanate)

Lab ID: 1810011-35

Batch: B8J1114 Date Collected: 10/10/18 Sample Type: Liquid Sample Vol: 40ml

Sample Qualifiers:
Analysi: LW

Station ID: W011022-03

Surrogates

| Analyte | Result ug/L | Analyte Qualifiers | %Recovery | %Recovery Limits | Prepared | Analyzed |
|---------------------|----------------|-----------------------|-----------|---------------------|----------|----------|
| Tributyl phosphate | 19.1 | | 102 | 70-130 | 10/11/18 | 10/11/18 |
| Triphenyl phosphate | 18.1 | 4000 | 96.7 | 70-130 | ** | " |
| | | Targets | | | | |
| | Result | Analyte | Reporting | , | | |

| Analyte (CAS Number) | Result ug/L | Analyte Qualifiers | Reporting Limit | Dilution | Prepared | Analyzed | |
|--|----------------|-----------------------|--------------------|----------|----------|----------|----|
| Methylene bis(thiocyanate) (6317-18-6) | U | | 10.0 | 1 | 10/11/18 | 10/11/18 | LW |

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) - Quality Control

Batch: B8J1113 Sample Type: Liquid

Blank (B8J1113-BLK1)

Prepared: 10/11/2018 Analyzed: 10/11/2018

Surrogates

| ANALYTE | Result ug/L | Analyte Qualifier | Spike Level | %REC | %REC Limits | |
|---------------------|----------------|----------------------|----------------|------|----------------|--|
| Tributyl phosphate | 17.2 | | 18.8 | 91.6 | 70-130 | |
| Triphenyl phosphate | 16.5 | | 18.8 | 88.0 | 70-130 | |

Targets

| ANALYTE | Result ug/L | Analyte Qualifiers | Reporting Limit | |
|----------------------------|----------------|-----------------------|--------------------|--|
| Methylene bis(thiocyanate) | U | | 10.0 | |

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) - Quality Control

Batch: B8J1113 Sample Type: Liquid

LCS (B8J1113-BS1)

Prepared: 10/11/2018 Analyzed: 10/11/2018

Surrogates

| ANALYTE | Result ug/L | Analyte Qualifier | Spike Level | %REC | %REC Limits | // |
|---------------------|----------------|----------------------|----------------|------|----------------|-----------|
| Tributyl phosphate | 17.4 | | 18.8 | 93.0 | 70-130 | |
| Triphenyl phosphate | 16.2 | | 18.8 | 86.3 | 70-130 | |

Targets

| ANALYTE | Result ug/L | Analyte Qualifiers | Reporting Limit | Spike Level | %REC | %REC Limits | |
|----------------------------|----------------|-----------------------|--------------------|----------------|------|----------------|--|
| Methylene bis(thiocyanate) | 9.88 | | 10.0 | 10.0 | 98.8 | 70-130 | |

Project #: 19SDWA007
SiteName: Craft Turney
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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) - Quality Control

Batch: B8J1113 Sample Type: Liquid

Matrix Spike (B8J1113-MS1)

Source: 1810011-13 Prepared: 10/11/2018 Analyzed: 10/11/2018

Surrogates

| ANALYTE | Result ug/L | Analyte Qualifier | Spike Level | %REC | %REC Limits | |
|---------------------|----------------|----------------------|----------------|------|----------------|--|
| Tributyl phosphate | 17.6 | | 18.8 | 93.8 | 70-130 | |
| Triphenyl phosphate | 16.4 | | 18.8 | 87.5 | 70-130 | |

Targets

| ANALYTE | Result ug/L | Analyte Qualifiers | | | Source Result %REC | %REC Limits |
|----------------------------|----------------|-----------------------|------|------|-----------------------|----------------|
| Methylene bis(thiocyanate) | 9.90 | | 10.0 | 10.0 | 99.0 | 70-130 |

Project #: 19SDWA007
SiteName: Craft Turney
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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) - Quality Control

Batch: B8J1113 Sample Type: Liquid

Matrix Spike Dup (B8J1113-MSD1)

Source: 1810011-13 Prepared: 10/11/2018 Analyzed: 10/11/2018

Surrogates

| ANALYTE | Result ug/L | Analyte Qualifier | Spike Level | %REC | %REC Limits | |
|---------------------|----------------|----------------------|----------------|------|----------------|--|
| Tributyl phosphate | 18.5 | | 18.8 | 98.7 | 70-130 | |
| Triphenyl phosphate | 17.4 | | 18.8 | 93.0 | 70-130 | |

Targets

| ANALYTE | Result ug/L | Analyte Qualifiers | Reporting Limit | Spike Level | Source Result %REC | %REC Limits | RPD | RPD Limit |
|----------------------------|----------------|-----------------------|--------------------|----------------|-----------------------|----------------|------|--------------|
| Methylene bis(thiocyanate) | 10.7 | | 10.0 | 10.0 | 107 | 70-130 | 7.61 | 30 |

Batch: B8J1114 Sample Type: Liquid

Project #: 19SDWA007 SiteName: Craft Turney Report Name: Page 41 of 53



Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) - Quality Control

Batch: B8J1114 Sample Type: Liquid

Blank (B8J1114-BLK1)

Prepared: 10/11/2018 Analyzed: 10/11/2018

Surrogates

| ANALYTE | Result ug/L | Analyte Qualifier | Spike Level | %REC | %REC Limits | |
|---------------------|----------------|----------------------|----------------|------|----------------|--|
| Tributyl phosphate | 19.4 | | 18.8 | 103 | 70-130 | |
| Triphenyl phosphate | 18.4 | | 18.8 | 98.0 | 70-130 | |

Targets

| ANALYTE | Result ug/L | Analyte Qualifiers | | |
|----------------------------|----------------|-----------------------|------|---|
| Methylene bis(thiocyanate) | U | | 10.0 | * |

Project #: 19SDWA007
SiteName: Craft Turney
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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) - Quality Control

Batch: B8J1114 Sample Type: Liquid

LCS (B8J1114-BS1)

Prepared: 10/11/2018 Analyzed: 10/11/2018

Surrogates

| ANALYTE | Result ug/L | Analyte Qualifier | Spike Level | %REC | %REC Limits | // |
|---------------------|----------------|----------------------|----------------|------|----------------|-----------|
| Tributyl phosphate | 20.6 | | 18.8 | 110 | 70-130 | |
| Triphenyl phosphate | 19.3 | | 18.8 | 103 | 70-130 | |

Targets

| ANALYTE | Result ug/L | Qualifiers | Reporting Limit | Spike Level | %REC | %REC Limits |
|----------------------------|----------------|------------|--------------------|----------------|------|----------------|
| Methylene bis(thiocyanate) | 12.6 | | 10.0 | 10.0 | 126 | 70-130 |

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SiteName: Craft Turney
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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) - Quality Control

Batch: B8J1114 Sample Type: Liquid

Matrix Spike (B8J1114-MS1)

Source: 1810011-26 Prepared: 10/11/2018 Analyzed: 10/11/2018

Surrogates

| ANALYTE | Result ug/L | Analyte Qualifier | Spike Level | %REC | %REC Limits | |
|---------------------|----------------|----------------------|----------------|------|----------------|--|
| Tributyl phosphate | 21.2 | | 18.8 | 113 | 70-130 | |
| Triphenyl phosphate | 19.9 | | 18.8 | 106 | 70-130 | |

Targets

| ANALYTE | Result ug/L | Qualifiers | 7 | Level | Source Result %REC | %REC Limits | |
|----------------------------|----------------|------------|------|-------|-----------------------|----------------|--|
| Methylene bis(thiocyanate) | 13.9 | | 10.0 | 10.0 | 139 # | 70-130 | |

Project #: 19SDWA007
SiteName: Craft Turney
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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Developmental GC-NPD Method for Methylene bis(thiocyanate) - Quality Control

Batch: B8J1114 Sample Type: Liquid

Matrix Spike Dup (B8J1114-MSD1)

Source: 1810011-26 Prepared: 10/11/2018 Analyzed: 10/11/2018

Surrogates

| ANALYTE | Result ug/L | Analyte Qualifier | Spike Level | %REC | %REC Limits | |
|---------------------|----------------|----------------------|----------------|------------|----------------|--|
| Tributyl phosphate | 22.1 | | 18.8 | 118 109 | 70-130 | |
| Triphenyl phosphate | 20.3 | | 18.8 | 109 | 70-130 | |

Targets

| ANALYTE | Result ug/L | Analyte Qualifiers | | Spike Level | Source Result %REC | %REC Limits | RPD | RPD Limit |
|----------------------------|----------------|-----------------------|------|----------------|-----------------------|----------------|------|--------------|
| Methylene bis(thiocyanate) | 14.3 | | 10.0 | 10.0 | 143 # | 70-130 | 2.60 | 30 |

Project #: 19SDWA007
SiteName: Craft Turney
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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

SURROGATE SUMMARY REPORT

P/P GC-NPD - Methylene bis(thiocyanate)

Liquid

| LAB NUMBER | TBP | ТРР |
|--------------|------|------|
| 1810011-01 | 106 | 97.3 |
| 1810011-02 | 106 | 96.3 |
| 1810011-03 | 97.7 | 90.6 |
| 1810011-04 | 103 | 92.0 |
| 1810011-05 | 100 | 93.0 |
| 1810011-06 | 93.3 | 95.7 |
| 1810011-07 | 104 | 93.7 |
| 1810011-08 | 95.4 | 93.5 |
| 1810011-09 | 99.2 | 93.6 |
| 1810011-10 | 89.7 | 87,2 |
| 1810011-11 | 115 | 107 |
| 1810011-12 | 105 | 95.7 |
| 1810011-13 | 89.7 | 88.5 |
| 1810011-14 | 105 | 94.8 |
| 1810011-15 | 98.3 | 90.7 |
| 1810011-16 | 102 | 97.5 |
| 1810011-17 | 89.8 | 88.6 |
| 1810011-18 | 95.8 | 92.3 |
| 1810011-19 | 115 | 107 |
| 1810011-20 | 104 | 97.2 |
| 1810011-21 | 99.2 | 96.9 |
| 1810011-22 | 115 | 105 |
| 1810011-23 | 107 | 101 |
| 1810011-24 | 109 | 101 |
| 1810011-25 | 93.8 | 89.8 |
| 1810011-26 | 98.0 | 96.1 |
| 1810011-27 | 97.5 | 93.0 |
| 1810011-28 | 108 | 102 |
| 1810011-29 | 106 | 98.3 |
| 1810011-30 | 123 | 108 |
| 1810011-31 | 101 | 95.7 |
| 1810011-32 | 98.0 | 97.9 |
| 1810011-33 | 105 | 94.4 |
| 1810011-34 | 98.5 | 94.1 |
| 1810011-35 | 102 | 96.7 |
| B8J1113-BLK1 | 91.6 | 88.0 |



Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

SURROGATE SUMMARY REPORT

P/P GC-NPD - Methylene bis(thiocyanate)

Liquid

| LAB NUMBER | TBP | TPP |
|--------------|------|------|
| B8J1113-BS1 | 93.0 | 86.3 |
| B8J1113-MS1 | 93.8 | 87.5 |
| B8J1113-MSD1 | 98.7 | 93.0 |
| B8J1114-BLK1 | 103 | 98.0 |
| B8J1114-BS1 | 110 | 103 |
| B8J1114-MS1 | 113 | 106 |
| B8J1114-MSD1 | 118 | 109 |

QC LIMITS

TBP = Tributyl phosphate
TPP = Triphenyl phosphate

70 - 130

70 - 130



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Report Name:
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Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

LIMS Reviewer Auto Checklist

BATCH B8J1113

P/P GC-NPD - Methylene bis(thiocyanate)

| Quality Control | Compliance | <u>Date</u> | |
|---|------------|-------------|-----|
| Samples prepared within Holding Times? | YES | 10/12/2018 | DSH |
| Surrogates recoveries pass criteria? | YES | 10/12/2018 | DSH |
| RLs present for all target compounds? | YES | 10/12/2018 | DSH |
| Dry weights perfored on solids? | NA | 10/12/2018 | DSH |
| Blanks | Compliance | <u>Date</u> | |
| Correct number of BLKs? | YES | 10/12/2018 | DSH |
| Blank Spikes | Compliance | <u>Date</u> | |
| Correct number of LFB/LCSs? | YES | 10/12/2018 | DSH |
| Blank Spike recoveries pass criteria? | YES | 10/12/2018 | DSH |
| All spike compounds reported in the BS? | YES | 10/12/2018 | DSH |
| Blank Spikes taken through entire extraction/digestion process? | YES | 10/12/2018 | DSH |
| Matrix Spikes | Compliance | <u>Date</u> | |
| Correct number of MS/MSDs? | YES | 10/12/2018 | DSH |
| Matrix Spike recoveries pass criteria? | YES | 10/12/2018 | DSH |
| Matrix Spike RPDs pass criteria? | YES | 10/12/2018 | DSH |
| All spike compounds present in the MS? | YES | 10/12/2018 | DSH |
| MS/MSDs taken through entire extraction/digestion process? | YES | 10/12/2018 | DSH |
| Duplicates | Compliance | <u>Date</u> | |
| Correct number of DUPs? | YES | 10/12/2018 | DSH |
| Dup RPDs pass Criteria? | NA | 10/12/2018 | DSH |
| SRM | Compliance | <u>Date</u> | |
| SRMs pass criteria? | NA | 10/12/2018 | DSH |

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SiteName: Craft Turney
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A CONTROL OF THE CONT

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

LIMS Reviewer Auto Checklist

BATCH B8J1114

P/P GC-NPD - Methylene bis(thiocyanate)

| Quality Control | <u>Compliance</u> | <u>Date</u> | |
|---|---|-------------|-----|
| Samples prepared within Holding Times? | YES | 10/12/2018 | DSH |
| Surrogates recoveries pass criteria? | YES | 10/12/2018 | DSH |
| RLs present for all target compounds? | YES | 10/12/2018 | DSH |
| Dry weights perfomed on solids? | NA | 10/12/2018 | DSH |
| Blanks | <u>Compliance</u> | <u>Date</u> | |
| Correct number of BLKs? | YES | 10/12/2018 | DSH |
| Blank Spikes | Compliance | <u>Date</u> | |
| Correct number of LFB/LCSs? | YES | 10/12/2018 | DSH |
| Blank Spike recoveries pass criteria? | YES | 10/12/2018 | DSH |
| All spike compounds reported in the BS? | YES | 10/12/2018 | DSH |
| Blank Spikes taken through entire extraction/digestion process? | YES | 10/12/2018 | DSH |
| Matrix Spikes | <u>Compliance</u> | <u>Date</u> | |
| Correct number of MS/MSDs? | YES | 10/12/2018 | DSH |
| Matrix Spike recoveries pass criteria? | NO | 10/12/2018 | DSH |
| -Matrix Spike Recovery for Methylene bis(thiocyanate) (135%) was of for P/P 8141- Methylene bis(thiocyanate) | utside acceptance limits (70-130) in B8J 1114 | 4-MSD1 | |
| Matrix Spike RPDs pass criteria? | YES | 10/12/2018 | DSH |
| All spike compounds present in the MS? | YES | 10/12/2018 | DSH |
| MS/MSDs taken through entire extraction/digestion process? | YES | 10/12/2018 | DSH |
| Duplicates | Compliance | <u>Date</u> | |
| Correct number of DUPs? | YES | 10/12/2018 | DSH |
| Dup RPDs pass Criteria? | NA | 10/12/2018 | DSH |
| | | | |
| SRM | Compliance | <u>Date</u> | |

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SiteName: Craft Turney
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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DATA FILE SUMMARY

| <u>LabNumber</u> | <u>SampleName</u> | <u>Dilution</u> | File ID | <u>Analyzed</u> |
|------------------|-------------------|-----------------|------------|-------------------|
| 1810011-01 | W011010-01 | 1 | GC9-5518.D | 10/11/18 13:43 |
| 1810011-02 | W011023-01 | 1 | GC9-5519.D | 10/11/18 13:56 |
| 1810011-03 | W011023-02 | 1 | GC9-5520.D | 10/11/18 14 09 |
| 1810011-04 | W011023-03 | 1 | GC9-5521.D | 10/11/18 14:22 |
| 1810011-05 | W011013-01 | 1 | GC9-5522 D | 10/11/18 14:36 |
| 1810011-06 | W011013-02 | 1 | GC9-5525.D | 10/11/18 15:15 |
| 1810011-07 | W011013-03 | 1 | GC9-5526.D | // 10/11/18 15:28 |
| 1810011-08 | W011003-02 | 1 | GC9-5527.D | 10/11/18 15:41 |
| 1810011-09 | W011003-03 | 1 | GC9-5528.D | 10/11/18 15:54 |
| 1810011-10 | W011009-01 | 1 | GC9-5529.D | 10/11/18 16:08 |
| 1810011-11 | W011009-02 | 1 | GC9-5530.D | 10/11/18 16:21 |
| 1810011-12 | W011009-03 | 1 | GC9-5531.D | 10/11/18 16:34 |
| 1810011-13 | W011004-02/03 | 1 | GC9-5515.D | 10/11/18 13:04 |
| 1810011-14 | W011014-01 | 1 | GC9-5532.D | 10/11/18 16:47 |
| 1810011-15 | W011021-02 | 1 | GC9-5533.D | 10/11/18 17:00 |
| 1810011-16 | W011028-01 | 1 | GC9-5534.D | 10/11/18 17:13 |
| 1810011-17 | W011028-02 | 1 | GC9-5537.D | 10/11/18 17:53 |
| 1810011-18 | W011028-03 | 1 | GC9-5538.D | 10/11/18 18:06 |
| 1810011-19 | W011003-01 | 1 | GC9-5539.D | 10/11/18 18:19 |
| 1810011-20 | W011004-01 | 1 | GC9-5540.D | 10/11/18 18:32 |
| 1810011-21 | W011014-02 | 1 | GC9-5546.D | 10/11/18 19:51 |
| 1810011-22 | W011021-01 | 1 | GC9-5549.D | 10/11/18 20:31 |
| 1810011-23 | W011021-03 | 1 | GC9-5550.D | 10/11/18 20:44 |
| 1810011-24 | W011017-01 | 1 | GC9-5551.D | 10/11/18 20:57 |
| | | | | |



Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

| 1810011-25 | W011017-02 | 1 | GC9-5552.D | 10/11/18 21:10 |
|------------|------------|---|------------|----------------|
| 1810011-26 | W011019-01 | 1 | GC9-5543.D | 10/11/18 19:12 |
| 1810011-27 | W011019-02 | 1 | GC9-5553.D | 10/11/18 21:23 |
| 1810011-28 | W011007-01 | 1 | GC9-5554.D | 10/11/18 21:36 |
| 1810011-29 | W011007-02 | 1 | GC9-5555.D | 10/11/18 21:50 |
| 1810011-30 | W011007-03 | 1 | GC9-5556.D | 10/11/18 22:03 |
| 1810011-31 | W011005-01 | 1 | GC9-5557.D | 10/11/18 22:16 |
| 1810011-32 | W011005-02 | 1 | GC9-5558.D | 10/11/18 22:29 |
| 1810011-33 | W011022-01 | 1 | GC9-5561.D | 10/11/18 23:08 |
| 1810011-34 | W011022-02 | 1 | GC9-5562.D | 10/11/18 23:22 |
| 1810011-35 | W011022-03 | 1 | GC9-5563.D | 10/11/18 23:35 |



Region 6 Laboratory

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Qualifiers

A This sample was extracted at a single acid pH.

HTS Sample was prepared and/or analyzed past recommended holding time. Concentrations should be

considered minimum values.

U The analyte was not detected at or above the reporting limit.

Abbreviations and Symbols

ABN Acid Base Neutrals (Semivolatile Compounds)

AES Atomic Emission Spectrometer

BS Blank Spike

CVAA Cold Vapor Atomic Absorption

DCB Decachlorobiphenyl

ECD Electron Capture Detector

GC Gas Chromatograph

ICP Inductively Coupled Plasma

ISTD Internal Standard

LCS Laboratory Control Sample

MS Mass Spectrometer

MS/MSD Matrix Spike/Matrix Spike Duplicate

NA Not Applicable

NPD Nitrogen Phosphorous Detector

NR Not Reported

PCB Polychlorinatedbiphenyl

RL Reporting Limit

RT Retention Time

RPD Relative Percent Difference



Region 6 Laboratory

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TCLP Toxicity Characteristic Leaching Procedure

TCMX Tetrachloro-meta-xylene

VOA Volatile Organic Analysis

Out of QC limits

>LR The result was greater than the linear range.

Initial pressure in air analyses is the pressure at which the canister was received in psia (pounds per square inch absolute pressure).

The pH reported for Volatile liquid samples was tested using a 0-14 pH indicator strip for the purpose of verifying chemical preservation.

The statistical software used for the reporting of toxicity data is ToxCale 5.0.32, Environmental Toxicity Data Analysis System 1994-2007 Tidepool Scientific Software.

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SiteName: Craft Turney
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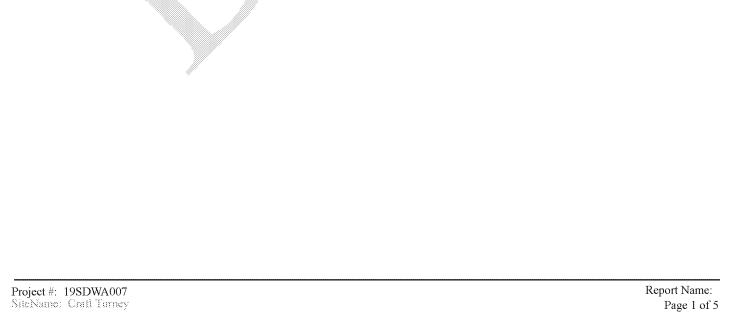


Region 6 Laboratory

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Items for Project Manager Review

| LabNumber | Analysis | Analyte | Exception |
|--------------|----------------------------|----------------------------|---|
| B8J1114-MS1 | P/P GC-NPD - Methylene bis | Methylene bis(thiocyanate) | Exceeds upper control limit |
| B8J1114-MSD1 | P/P GC-NPD - Methylene bis | Methylene bis(thiocyanate) | Exceeds upper control limit Exceeds upper control limit |



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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Sample, Log and Extraction Comments

1810011-01

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-02

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-03

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-04

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-05

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-06

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-07

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-08

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-09

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-10

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-11

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-12

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-13

P/P GC-NPD - Methylene bis(thiocyanate)

EXTRA VOLUME FOR MS/MSD

dbabackup set to reviewed for D Reese - working remotely.

1810011-14

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

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10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

1810011-15

P/P GC-NPD - Methylene bis(thiocyanate)

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1810011-16

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-17

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-18

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-19

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-20

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-21

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-22

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-23

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-24

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-25

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-26

P/P GC-NPD - Methylene bis(thiocyanate)

EXTRA VOLUME FOR MS/MSD

dbabackup set to reviewed for D Reese - working remotely.

1810011-27

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-28

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-29

Project #: 19SDWA007 SiteName: Craft Turney

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

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Region 6 Laboratory

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1810011-30

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-31

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-32

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-33

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-34

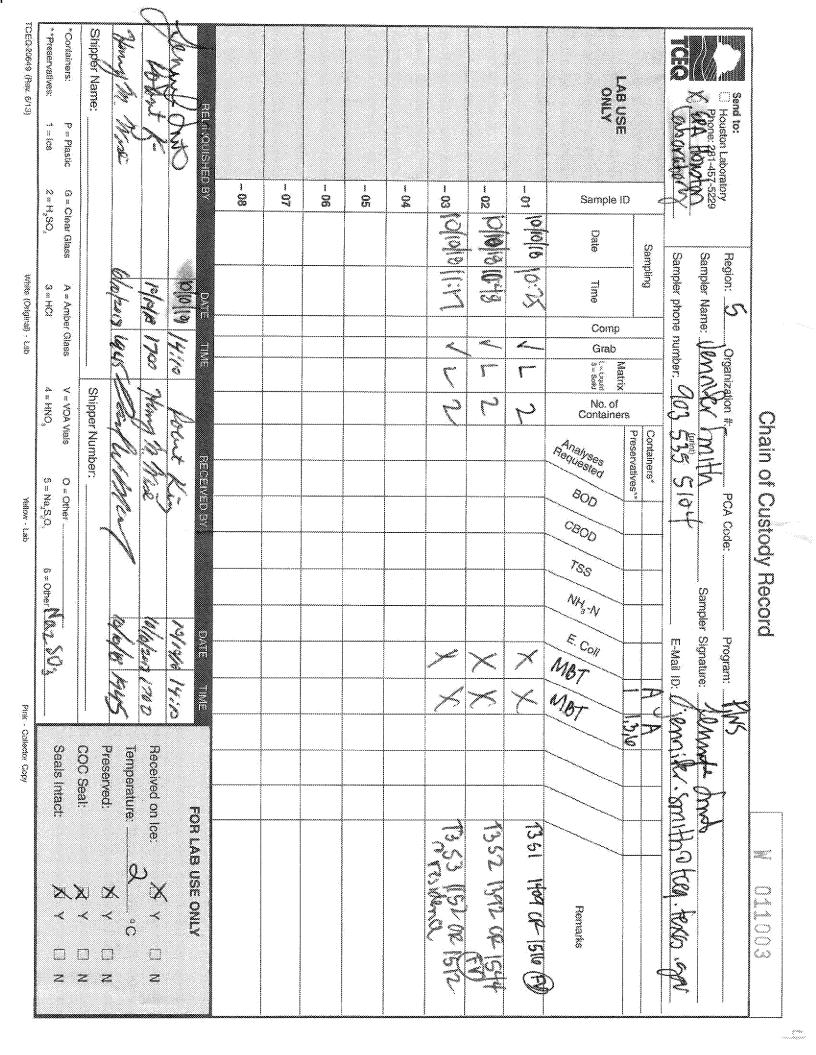
P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.

1810011-35

P/P GC-NPD - Methylene bis(thiocyanate)

dbabackup set to reviewed for D Reese - working remotely.



| TCEC-20649 (Rev. 6/15) | res: 1= lce | "Contamers: P = Plastic G | Shipper Name: A | How I The Marie | | | Valeditisinentia | | | | | 1 | | 1 | | VIV | | | | | Send to: | |
|------------------------|--------------|---------------------------|-----------------|-----------------|------------------|-----------|------------------|---|---|---|---|---|---------------------|------------------|-------------|------------------------------|-----------------|-------------|---|--------------------|---|-------------------------|
| | 2 = H,SO, | G = Clear Glass | | | | M | > | 8 | 9 | 8 | 8 | 2 | 8 0 5 | 2 7 7 | 3 3 7 | Sample i | | ర్జ | ~~~~~ | \$ | *************************************** | |
| Write (Original) - Lab | | | | Wilofz | Z. | | | | | | | | | N N | i i | Time | | Sampling | Sampler phone number: | Sampler Name: | Region: | |
| na# - Lab | | A = Amber Glass | | 423 | Z | | | | | | | | 7 | 5 | 7 | Gomp Grab | ~~~~ | | ne number:_ | 1 | Organization #: | |
| | A HNO | V=VOA VIAIs | Shipper | | | 12 | 2 | | | | | | N | 2 | 2 | No. of Contains | ırs | T | | S Scoonsto. | ation #: | Q |
| dat - kojiok | | lats 0 = Officer | Shipper Number: | | | Track No. | HE SHARE | | | | | | | | | Analyses Requested BOD | Preservatives** | Containers* | 34 - 4: | | PCA Code | Chain of Custody Record |
| æ | 6 = Other | | | | | | | | | | | | | | | TSG NY N | | | *************************************** | Samp | de: | Ody Reco |
| | | | , | | 10/10/2019 | Z Z | 10/411 | | | | - | | · · | sommick* | elonicos. | MD. | | | E-Meil ID: | Sampler Signature: | Program: | ā |
| Pink - C | | | | K | 279 | Win. | | | | | | | ,,,,,,,,,,, | and the second | *********** | 1185 | - | P P | Ď. | 2 | b | |
| Pink - Collector Copy | Seals Intact | | COC Seal | Preserved | Received on Ice: | | Ą | | | | | | | | | | | | | | 5 | |
| | J. T. L. | 27 | | ļ. |) A | | FOR LAB USE ONLY | | | | | | 75.53 15500.1629 | 157-52 157-52 | Jan San L | Remarks | | | | | | # 014 026 028 |

